SEQUENCE LISTING

- <110> van Leengoed, Leonardus Adrianus Maria Govardus Hoebe, Kasper Hubertus Nicolaas Meloen, Robert Hans
- <120> IL-6 and IL-6 receptor derived peptide having IL-6 antagonistic or agonistic activity

<130> 2183-3890US

<140> US 09/202,104

<141> 1999-04-30

<150> EP 96201720.8

<151> 1,996-06-20

<150> PCT/NL97/00345

<151> 1997-06-19

<160> 19

<170> PatentIn Ver. 3.0

<210>1

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: region in IL-6

<400> 1

Arg Tyr Ile Leu Asp Gly Ile Ser Ala Leu Arg Leu 1 5 10

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: region in IL-6



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Arg Gln Met
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Phe Gln Gly Cys
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   beta-chain of IL-6
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                      10
                                   15
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                    25
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      beta-chain of IL-6
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                         10
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          20
                       25
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                         10
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  <211>17
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 Ala Pro Pro Val Pro Pro Gly Glu Asp Ser Lys Asp Val Ala Ala Pro
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 His Arg Gln Pro Leu Thr Ser Ser Glu Arg Ile Ser Lys Gln Ile Arg
         20
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 Tyr Ile Leu Asp Gly Ile Ser Ala Leu Arg Lys Glu Thr Cys Asn Lys
      35
                   40
 Ser Asn Met Cys Glu Ser Ser Lys Glu Ala Leu Ala Glu Asn Asn Leu
                 55
                             60
    50
 Asn Leu Pro Lys Met Ala Glu Lys Asp Gly Cys Phe Gln Ser Gly Phe
  65
               70
                           75
 Asn Glu Glu Thr Cys Leu Val Lys Ile Ile Thr Gly Leu Leu Glu Phe
                        90
                                     95
           85
 Glu Val Tyr Leu Glu Tyr Leu Gln Asn Arg Phe Glu Ser Ser Glu Glu
        100
                     105
                                   110
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115	g Ala Val G 120			eu Ile Gln Phe Leu
Gln Lys Ly 130	s Ala Lys A 135	Asn Leu Asp A 140	Ala Ile Thr Th	r Pro Asp Pro Thr
Thr Asn Al 145	la Ser Leu L 150	eu Thr Lys L 155	eu Gln Ala G 160	ln Asn Gln Trp Lei
_	et Thr Thr I 65	His Leu Ile Le 170	eu Ile Arg Ser 175	Phe Lys Glu Phe
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			uence: recepto and 65 is unk	
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Asn Val Va 20	al Cys Glu T 2		arg Ser Thr Pr 30	o Ser Leu Thr Thr
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20 Lys Ala Va 35	2 al Leu Leu V 40	5 Val Arg Lys P 45	30 Phe Gln Asn S	
20 Lys Ala Va 35 Phe Gln Gl 50	2 al Leu Leu V 40 u Pro Cys G 55	5 Sal Arg Lys P 45 Sln Tyr Ser G 60	30 Phe Gln Asn S In Glu Ser Xa	er Pro Ala Glu Asp
20 Lys Ala Va 35 Phe Gln Gl 50 Xaa Leu A 65 Cys Val Al	al Leu Leu V 40 u Pro Cys G 55 la Val Pro G 70	5 S Val Arg Lys P 45 Sln Tyr Ser G 60 Slu Gly Asp S 75	30 Phe Gln Asn S In Glu Ser Xa Ser Ser Phe Ty 80	er Pro Ala Glu Asp a Lys Phe Ser Cys

Gl
n Gly Cys Gly Ile Leu Gl
n Pro Asp Pro Pro Ala As
n Ile Thr Val

105

110

<210> 14

<211> 108

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<223> Description of Artificial Sequence: receptor beta-chain of IL-6

<400> 14

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Lys Met Arg Cys Glu Trp Asp Gly Gly Arg Glu Thr His Leu Glu Thr 25

Asn Phe Thr Leu Lys Ser Glu Trp Ala Thr His Lys Phe Ala Asp Cys

Lys Ala Lys Arg Asp Thr Pro Thr Ser Cys Thr Val Asp Tyr Ser Thr 55

Val Tyr Phe Val Asn Ile Glu Val Trp Val Glu Ala Glu Asn Ala Leu 70 75

Gly Lys Val Thr Ser Asp His Ile Asn Phe Asp Pro Val Tyr Lys Val 90 85

Lys Pro Asn Pro Pro His Asn Leu Ser Val Ile Asn 105 100

<210> 15

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<223> Description of Artificial Sequence: peptide

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